



HOBBS OCD

OCT 04 2013

RECEIVED

PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

June 4, 2013

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Pintail Federal #4
1650' FSL & 990' FWL
Sec. 8, T17S, R32E
Lea County, New Mexico

Dear Sir,

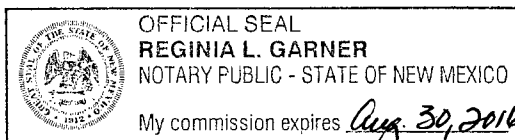
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 4th day of June, 2013.

Notary Public

SCANNED

NOV 13 2013

PINTAIL FEDERAL #4

Date	Depth	Deviation	TVD
5/30/2013	445	1.00	509.00
5/30/2013	821	0.70	887.00
5/31/2013	1320	0.40	0.00
6/1/2013	1645	0.50	1861.00
6/1/2013	1816	0.50	1861.00
6/1/2013	2312	0.80	0.00
6/1/2013	2812	0.70	0.00
6/1/2013	3310	0.10	0.00
6/2/2013	3807	0.60	3853.00
6/2/2013	4313	0.80	4350.00
6/2/2013	4678	0.00	4735.00

SCANNED